



## Now You Can “Kick In” For Open Space

The City’s General Plan, adopted by voters in November of 2001, calls for the preservation of “open space” to protect and enhance Tucson’s quality of life. You’ll notice that we’ve added



a box at the bottom of your water bill providing an opportunity for you to make a



personal contribution to Tucson’s effort

to acquire undeveloped land and maintain it as open space. Your donation, should you choose to make one, is tax deductible and can be for any amount. Such a donation is voluntary and has no effect on City service fees.

# your Water Connection

News & Tips for Tucson Water Customers

Communicating with You

## Close Captioning Now Available

Beginning this month, Tucson Water customers who are hearing impaired or for whom Spanish is their primary language will notice that we have begun close captioning our informational public service announcements on television. For those of you who use the close captioning option, you’ll be able to view the audio portions of these announcements in either English or Spanish – another way to keep abreast of the latest news about one of Tucson’s most important resources – our water supply.

February 2002

<http://www.ci.tucson.az.us/water/>

## From China to Bulgaria

# Sharing Tucson's Water Knowledge

Water utilities from Beijing, China to Tampa Bay, Florida to Sofia, Bulgaria and a lot of places in between want to know more about how we use water here in Tucson.

Many water providers from cities around the U.S. and the world call Tucson Water or visit to learn about how we operate your water system. We're frequently asked to share our experience – both good and bad – with other utilities.

Water conservation programs, public involvement efforts, and the development of new water resources are all areas in which we receive inquiries for information. A number of water professionals from around the world are also very interested in learning more about Tucson's reclaimed water system. Reclaimed water is a valuable resource for irrigation in desert communities and Tucson Water operates one of the largest reclaimed water systems in the United States.

Visitors are also interested in how we communicate with our customers because they realize, just as we do, that working together with customers is a key to successfully maintaining water supplies and delivering water in a desert city. Making sure we know what you want from us and ensuring that you understand what we do and how we do it are Tucson Water's communications priorities. We're happy to share what we've learned with other water companies and believe this widespread interest in Tucson Water is due in large part to our cooperation with our customers.

## FREE Classes

# Make Your Home Water\$mart

The popular Water\$mart workshops are back again for 2002. These free workshops, sponsored by Tucson Water, help you design, install, operate, and maintain a water smart drip irrigation system at your home. Workshops also include information on xeriscaping – selecting low water use plants for your landscape. Class size is limited and reservations are required. Contact Tucson Water at 791-4331 to reserve your place or visit Tucson Water's web site at [www.ci.tucson.az.us](http://www.ci.tucson.az.us) and click on the "events" button.

## January 26, 2002

**Las Campanas Recreation Center**  
**565 W. Belltower; Green Valley**

9:00-12:00pm \*Hands-On Drip  
Irrigation

1:30-3:30pm Irrigation Timers

## February 20, 2002

**Metro Water**  
**6265 N. La Canada Drive; Tucson**

9:00-12:00pm Desert Landscaping

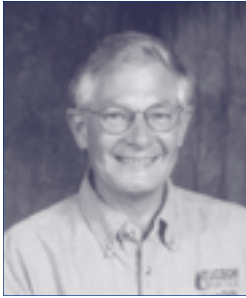
## March 16, 2002

**Pima County Cooperative Extension**  
**4210 N. Campbell Avenue; Tucson**

9:00-12:00pm \*Hands-On Drip  
Irrigation

1:30-3:30pm Irrigation Timers

\*To register for the Hands-On Drip Irrigation class, call the Pima County Extension Office at 622-7701.



## On the Water Front



Our water table is rising.

It's something we haven't seen for

decades – our water table under central Tucson beginning to recover from years of groundwater overpumping. Since the 1940's, our groundwater levels have dropped almost continuously – more than 250 feet in some places.

But early last summer, Tucson Water shut down twenty-six groundwater wells in the central city. This was made possible by the construction of the Clearwater Facility, which in May of last year began adding 18 million gallons of blended water each day to our drinking water system. Your wise use of water last summer allowed us to keep those well turned off – now we're seeing the results.

Tucson Water hydrologists, who monitor the water levels daily, report that the water table has already risen in the areas of the city where these well are no longer pumping groundwater.

In some places the water table has risen

as much as ten feet. In other areas, the rate at which the level is dropping has been reduced. This is great news for our environment and for the future of our water supply for Tucson.

During the next few years, we'll be expanding the Clearwater Facility and bringing more blended water into Tucson – up to 54 million gallons a day. That vital new water resource, combined with our community ethic of wise water use, will allow us to shut down more groundwater wells. This historic success would not be possible without the help of you, our customers, and your confidence in Tucson Water. Thank you. We'll keep you up to date on the continuing recovery of our water table.

David V. Modeer  
Director,  
Tucson  
Water

### Clearwater Quality Report - January 2002

47*	Sodium (ppm)
203	Mineral Content (ppm)
87*	Hardness (ppm)
7.97	pH (units)
Neg*	Coliform Bacteria
1.05	Chlorine level average (ppm)
84.3	Temp (deg F)

\* Values for December

Visit the Tucson Water Web Site at <http://www.ci.tucson.az.us/water/>

*The Water Connection* is produced by Tucson Water. To receive a copy, or to receive this information in Spanish, call 791-4331 or mail your request to: Customer Information, P.O. Box 27210, Tucson, AZ 85726-7210

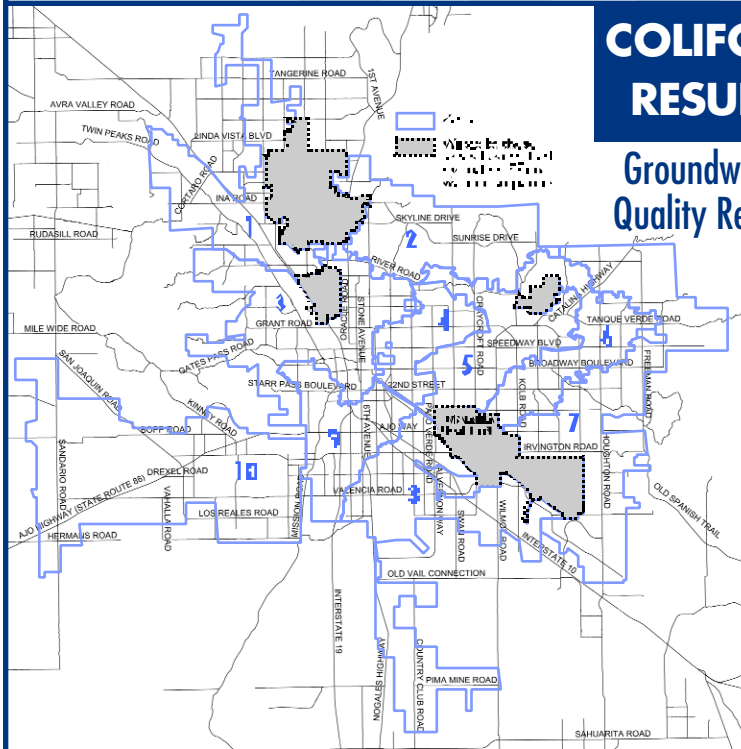
City of Tucson TTY number: 791-2639

Si usted desea este documento escrito en español, por favor, llame al 791-4331.



# GROUNDWATER QUALITY REPORT - November 2001

Water Quality Zone		1	2	3	4	5	6	7	8	9	10	System Wide
Sodium (ppm)	Average Range	51 39-66	47 46-49	51 27-69	37 29-46	39 30-45	38 26-46	32 25-44	42 33-46	48 42-60	42 42-43	42 25-69
Mineral Content (ppm)	Average Range	390 175-530	291 250-320	324 177-523	232 188-312	242 166-281	239 192-287	218 184-292	304 254-422	302 212-648	220 213-223	270 166-648
Hardness (ppm)	Average Range	222 180-295	124 101-140	160 78-258	104 76-145	101 85-121	104 90-121	95 60-113	144 116-167	126 76-201	78 76-78	124 60-295
pH (units)	Average Range	7.7 7.4-8.0	8.1 7.9-8.2	8.0 7.6-8.3	7.9 7.5-8.2	7.9 7.4-8.2	7.9 6.9-8.2	7.9 7.6-8.1	7.7 7.4-7.9	7.9 7.2-8.1	8.0 7.9-8.1	7.9 6.9-8.3
Temperature (deg F)	Average Range	77 74-79	81 74-86	79 70-83	81 76-87	79 74-87	79 71-84	79 71-82	80 75-85	80 73-88	81 72-88	80 70-88



## COLIFORM BACTERIA TESTING RESULTS - November 2001

### Groundwater Quality Report

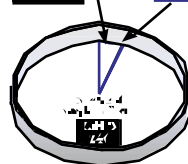


TPS Standard for Positive Samples

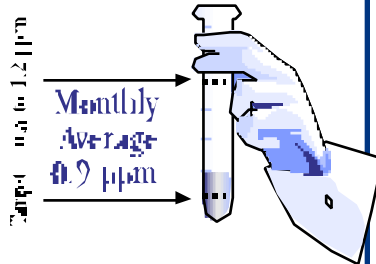
5%

Number of Positive Samples for Total Coliform

40%



Chlorine Level Average



Monthly Average  
0.9 ppm

**"PPM" means one part per million & is about the same as one second of time in 11.6 days.**

To give you a more accurate measurement of the water quality in your neighborhood, the Tucson Water service area has been divided into 10 zones

based on differences in water pressure and water quality. For a detailed description of the zone boundaries, call 791-4331.